

Figure 1

LTBP2: latent transforming growth factor beta binding protein 2

human vs mouse

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(SEQ ID NO. 5) GPA018  1 qrdpvgryepaggdanrlrrppgsypaaaaakvyslfreqdapvaglqp 50
                        ||| :||| ||| ||| ||| ||| ||| ||| ||| |||
(SEQ ID NO. 6) mLTBP2 56 qrdsigryepasrdanrlwhpvqshpaaaaakvyslfrepdapvpglsps 105
                        ||| ||| ||| ||| ||| ||| ||| ||| |||
                        51 eraqpgwgsprrpteaaearrpsraqsrr 79
                        /  ||  ||  ||  ||| ||| ||| |||
                        106 ewnqpaqgnpgwlaaaearrprrtqqlrr 134

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hypothetical protein XP_097406

No match in mouse

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(SEQ ID NO. 7) GPA019  1 atlggpeeestienyasrpe.....afkade flnwhalfes 36
                        ||| ||| ||| ||| ||| ||| ||| ||| |||
(SEQ ID NO. 8) XP_097406 23 atlggpeeestienyasrpeafntpflnidklrsafkade flnwhalfes 72
                        ||| ||| ||| ||| ||| ||| ||| ||| |||
                        37 ikrklpflnwda fpkklglrsatpdaq 63
                        ||| ||| ||| ||| ||| ||| ||| ||| |||
                        73 ikrklpflnwda fpkklglrsatpdaq 99

(SEQ ID NO. 9) GPA020  1 atlggpeeestienyasrpeafntpflnidklr.afkade flnmhalfes 49
                        ||| ||| ||| ||| ||| ||| ||| ||| |||
(SEQ ID NO. 8) XP_097406 23 atlggpeeestienyasrpeafntpflnidklrsafkade flnwhalfes 72
                        ||| ||| ||| ||| ||| ||| ||| ||| |||
                        50 ikrklpflnwda fpkklglrsatpdaq 76
                        ||| ||| ||| ||| ||| ||| ||| ||| |||
                        73 ikrklpflnwda fpkklglrsatpdaq 99

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ANGPTL1: angiopoietin-like 1

human vs mouse

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(SEQ ID NO. 10) GPA022  1 CAYTFLVPEQRTGPICVNTKGQDASTIKDMITRMDLENLKDVLSRQKR, 49
                        ||| ||| ||| ||| ||| ||| ||| ||| |||
(SEQ ID NO. 12) mANGPTL1 1 CSYTFLVPEQRTGPICVNTKGQDAGTKDMITRMDLENLKDVLSRQKRE 20
                        ||| ||| ||| ||| ||| ||| ||| ||| |||
                        Translated mouse 5' sequence (SEQ ID NO. 11)

(SEQ ID NO. 13) GPA023  51 stikemitrmdlenlkdvlsrqkr..... 74
                        ||| ||| ||| ||| ||| ||| ||| ||| |||
(SEQ ID NO. 14) mANGPTL1 1 .....mitrmdlenlkdvlsrqkreidvlqlvvdvgnivnevkllrkes 45
                        ||| ||| ||| ||| ||| ||| ||| ||| |||

Human precursor sequence

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